

Abstract of the Disclosure

Measures of a torque and rotational speed of a pump or fan are obtained, from which a mechanical input power can be calculated. By further using predetermined relations between mechanical input power and flow rate through the pump or fan, a measure of the flow rate can be derived without use of in-line flow or pressure sensors. In preferred embodiments the torque and/or rotational speed is obtained by measuring the input current and voltage of a motor driving the pump or fan and using predetermined relations between on the one hand current and voltage and on the other hand torque and rotational speed. Furthermore, also other flow properties, such as pump head, pump efficiency and total efficiency can be determined in this manner.